

# EKI-2726FHPI

**4G+2 SFP W/ 4 IEEE 802.3  
High Power PoE Industrial  
Wide Temperature Switch**

**NEW**



## Features

- All Gigabit Ethernet ports for 4 Copper and 2 SFP
- Back-plane (Switching Fabric): 12Gbps
- Embedded 4 ports PoE inject function
- Provide 30W at 55V power output
- Redundant Power Design
- IP30 Chassis Design
- Supports operating temperatures from -40 ~ 75°C

## Introduction

The EKI-2726 FHPI switch has 4 x 10/100/1000BASE-T Ethernet ports with PoE+ function and 2 x SFP sockets, it has been designed to work within a wide operating temperature range. This cost-effective solution, meets the high reliability requirements and demands of industrial applications. The equipment also meets the IEEE 802.3 at standard and can provide 30Watts output per PoE port.

## Specifications

### Communications

- **Standard** IEEE 802.3, 802.3u, 802.3x, 802.3af/at, 802.3ab, 802.3z
- **LAN** 10/100/1000Base-T
- **Transmission Distance** Ethernet: Up to 100 m  
SFP: Up to 110 km (depends on SFP)
- **Transmission Speed** Copper: 10/100/1000 Mbps, Auto-Negotiation  
Gigabit Fiber: Up to 1000 Mbps

### Interface

- **Connectors** 10/100/1000T(X): RJ-45\*4  
SFP: Gigabit Base \*2
- **LED Indicators** System: P1, P2, P-Fail,  
Per port: Link/Activity, Speed, PoE (1 to 4 ports)

### Power

- **Power Consumption** 5.5 watts @48V<sub>DC</sub> (Ethernet only)
- **Power Input** 48 V<sub>DC</sub> (44V<sub>DC</sub> to 57 V<sub>DC</sub>), redundant dual inputs
- **Fault Output** 1 Relay Output

### Mechanism

- **Dimensions (W x H x D)** 59.6 x 152 x 105 mm (2.35" x 5.98" x 4.13")
- **Enclosure** IP30, Metal shell with solid mounting kits
- **Mounting** DIN-rail, Wall

### Protection

- **Power Reverse** Present
- **Overload Current** Present

### Environment

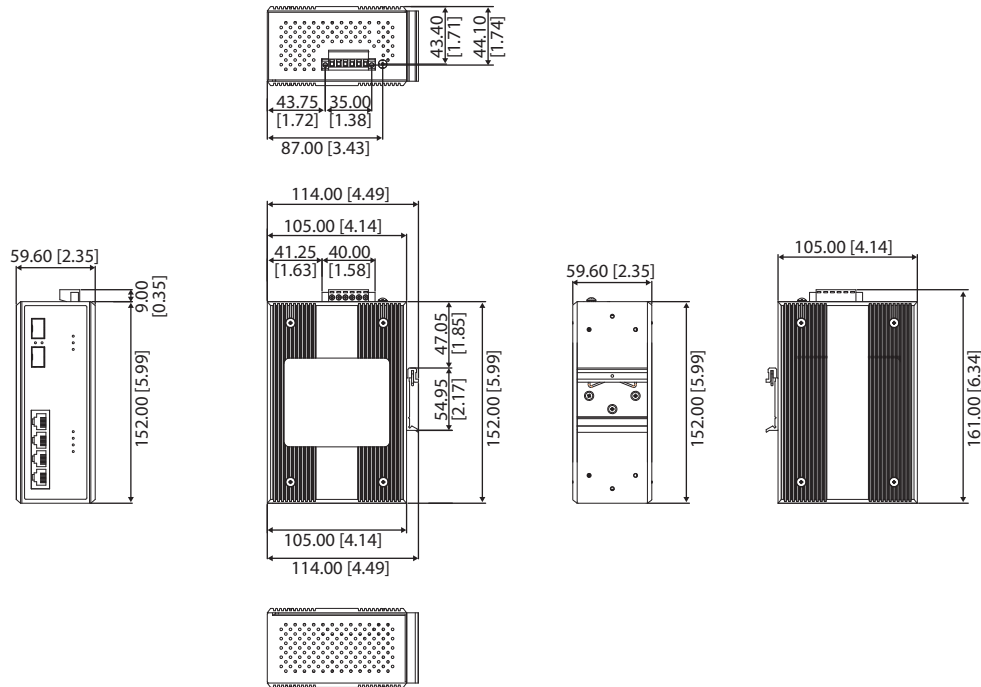
- **Operating Temperature** -40 ~ 75°C (-40 ~ 167°F)
- **Storage Temperature** -40 ~ 85°C (-40 ~ 185°F)
- **Operating Humidity** 5 ~ 95% (non-condensing)
- **MTBF** 339,740

### Certification

- **Safety** UL/cUL508  
Class I, Division 2, Groups A, B, C and D (pending)
- **EMI** FCC Part 15 Subpart B Class A, EN 55022 Class A
- **EMS** EN 61000-4-2  
EN 61000-4-3  
EN 61000-4-4  
EN 61000-4-5  
EN 61000-4-6  
EN 61000-4-8
- **Shock** IEC 60068-2-27
- **Freefall** IEC 60068-2-32
- **Vibration** IEC 60068-2-6

## Dimensions

Unit: [mm]



**Panel Cut-out Dimensions: 114.00 x 152.00 x 59.60 mm (4.49" x 5.99" x 2.35")**

## Ordering Information

- EKI-2726FHPI 4G+2 SFP Unmanaged Gigabit Switch with 4-port PoE+(IEEE 802.3af/at)